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SEC. 1		ORIGIN		CONTROL NO.	
T		CHIEF, PID/IC		CGS-1501-63	
DATE OF DOC.	DATE REC'D	DATE OUT	SUSPENSE DATE	CROSS REFERENCE OR POINT OF FILING	
10 Sept 63	19 Sept 63				
TO					
FROM					
SUBJ.	NORM AND IRON LAUNCH ARTS SINGLY DEPLOYED IN THE USSR. CY 4 Feb 380-63 REQUIREMENT C RE-3-20,332			ROUTING	DATE SENT
COURIER NO.	ANSWERED	NO REPLY			6

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Declass Review by NGA

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Approved For Release 2005/07/25 : CIA-RDP78T04743A000300060053-8

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W/ES 300/63
10 September 1963
COPY 4

CGS-15063

MEMORANDUM FOR: Chief, Military-Economics Division, OPR

ATTENTION:

FROM:

Chief, CIA/PID (NPIC)

SUBJECT:

MRBM and IRBM Launch Areas Singly Deployed in the USSR

REFERENCE:

- (a) Requirement C-RR-3-80,332
- (b) CIA/PID Project C 1004-63

1. This memorandum is in response to your requirement dated 1 July 1963 which requests line drawings and comments on specific, similar MRBM and IRBM launch areas deployed in the USSR.

2. Comparisons of the following five launch areas are included in this report:

- (a) Belosorek IRBM Launch Area located at 64-26-15N 34-18-15E.
- (b) Zhuravka IRBM Launch Area located at 54-36-30N 76-40-30E.
- (c) Marina Gorka MRBM Launch Area located at 53-26-30N 27-45-45E.
- (d) Kraskino MRBM Launch Area located at 42-44-00N 130-40-45E.
- (e) Rozhdestvenka MRBM Launch Area located at 45-47-15N 133-43-15E.

The designation of two of these as IRBM sites and three of them as MRBM sites has been done solely on the basis of differences in pad separation.

3. Upon close examination of multiple [] coverage of these launch area, much of it excellent in quality, a number of similarities are apparent.

(a) Each launch site consists of four elongated launch pads and four ready buildings, one of which is not aligned with a launch pad. At all of the launch sites except one, the ready building that is not aligned with a pad, is located within the launch site on one of the other nearby roads. At Marina Gorka this ready building not associated with a pad is located between the category C warhead handling facility and the technical section.

(b) At each site one of the interior pads, which does not have a directly associated ready building, has aligned with it a smaller structure.

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in the USSR

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The pad that has the smaller building aligned with it as viewed from the rear of the site is as follows:

Belomorsk - 2nd from right

Zhuravka - 2nd from left

Marina Gorka - 2nd from left

Kraskino - 2nd from left

Rozhdestvenka - 2nd from left

(c) All ready buildings are earth mounded, and are possibly drive-into rather than drive-through buildings. The mounding on most of these buildings appears to cover both the sides and the rear of the structure, while the front wall appears vertical and unmounded.

(d) None of the smaller structures mentioned in item (b) are earth mounded.

(e) There is no housing or administration facilities at or near any of these sites. A thorough search was made on clear photography in the vicinity of these launch areas, and no military housing was identified.

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(g) All of these launch areas are deployed singly.

(h) All of these launch areas were probably constructed in about the same time span during the summer of 1962. Construction timing as determined from photography is as follows:

Belomorsk

Zhuravka

Marina Gorka

Kraskino

Rozhdestvenka

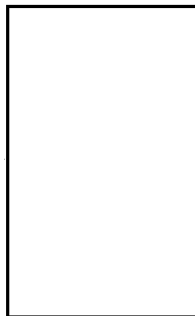
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in the USSR

[REDACTED]
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(1) Of these five sites only one, Marina Gorka, has indications of erectors being present on the launch pads. At the other four sites there is no indication of the presence of erectors, even on very excellent coverage. In fact, it can be stated that they are not present at the following sites on the dates indicated:

- (1) Belomorsk
- (2) Zhuravka
- (3) Kraskino
- (4) Rozhdestvenka



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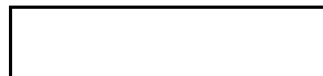
Because of the similarities of these launch areas with each other and also because of dissimilarities of these sites with typical type II and type III MRBM and IRBM launch areas, it is suggested that they may represent a different launch configuration.

Included as attachments to this memorandum are line drawings, including dimensions, of each of these sites. They are presented at a constant scale as taken from the best available photography.

4. The photo analyst on this project is [REDACTED] who may be contacted on extension [REDACTED] should you have any further questions regarding this project.

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5. This project is considered to be complete.



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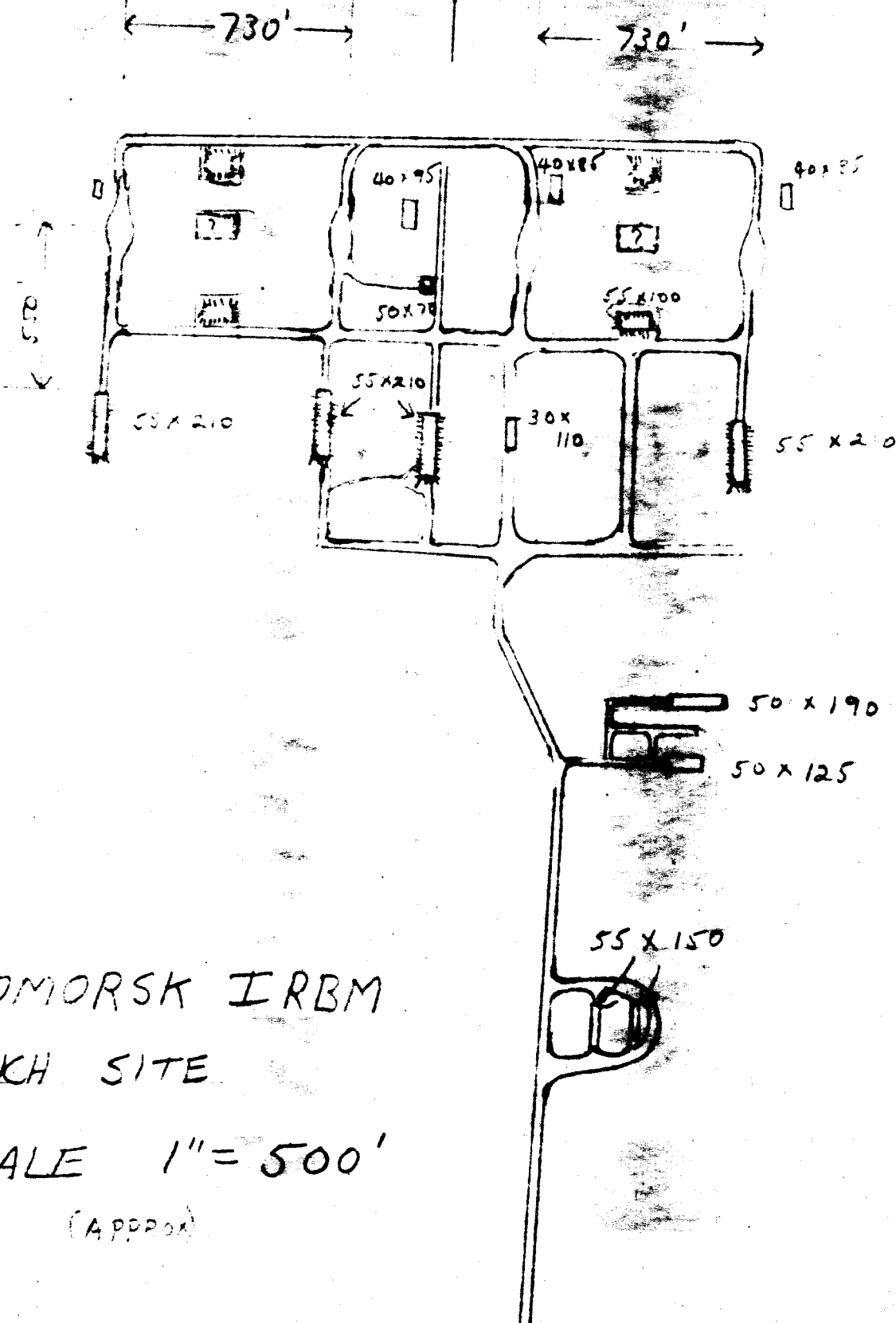
Enclosures:

- 1 - Five (5) line drawings
(CIA/PID/MB-P-126/63 thru P-130/63)

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CIA/PID/MEB-P-126/63

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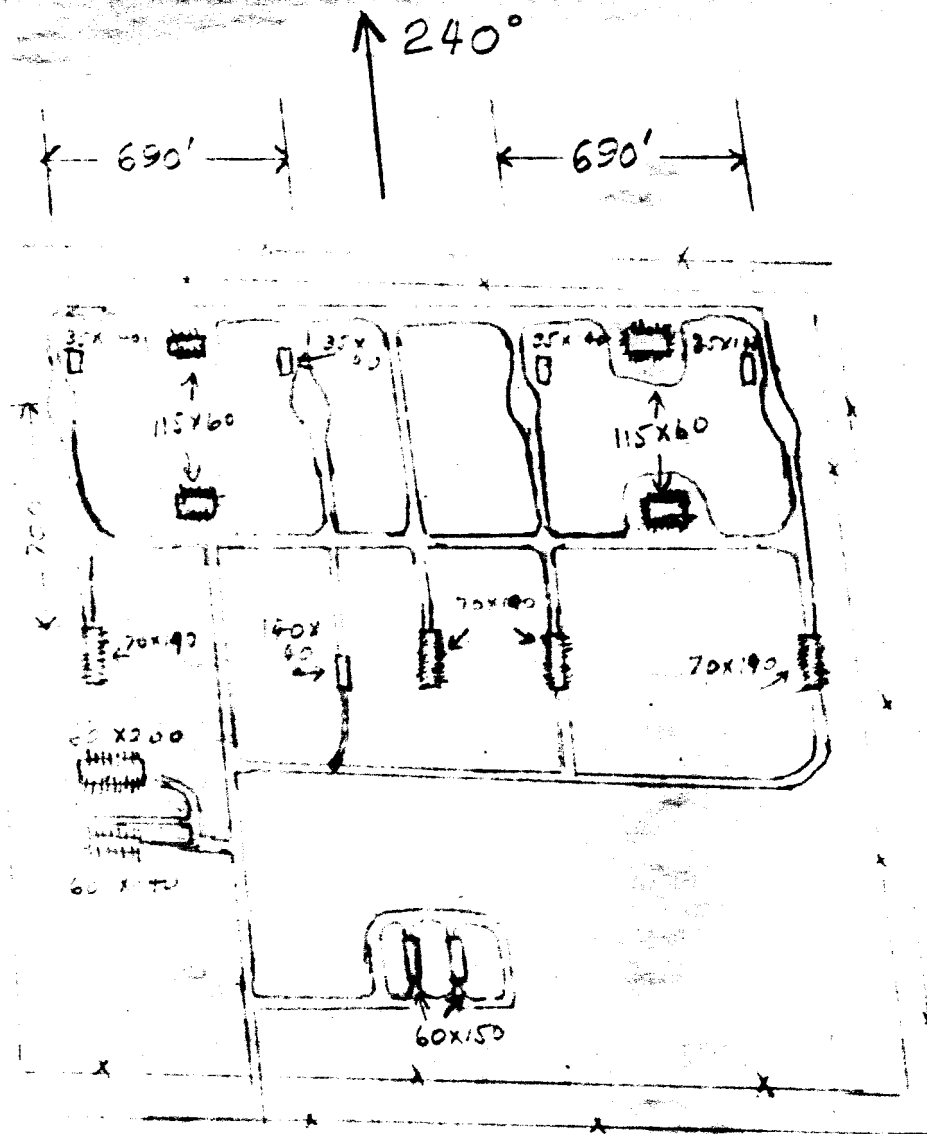
BELOMORSK IRBM
LAUNCH SITE

SCALE 1" = 500'

(APPROX)

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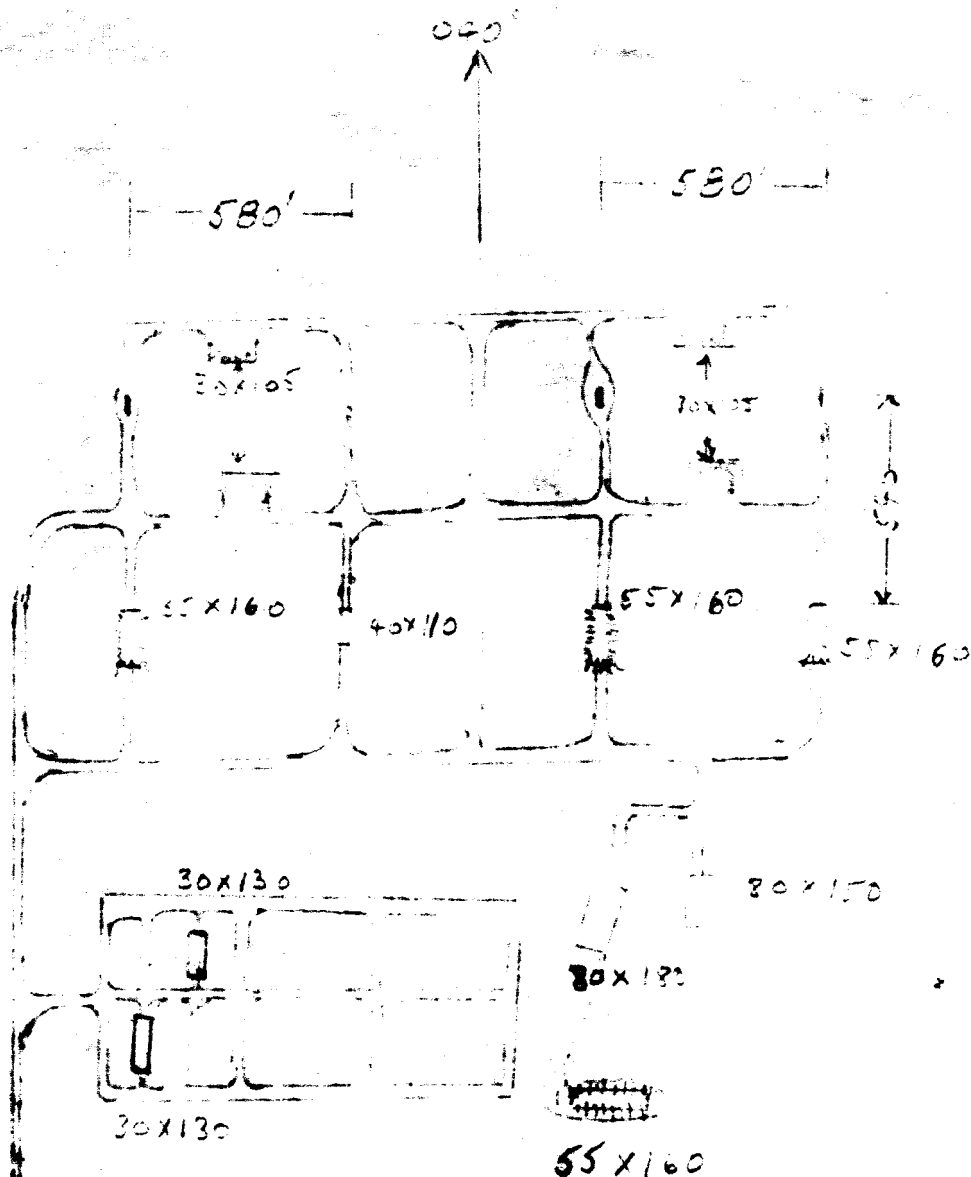
ZHURAVKA Irbm

LAUNCH SITE

SCALE 1" = 500'

(APPROX.)

M/EB 354/83
CIA/PID/MEB-P-128/63

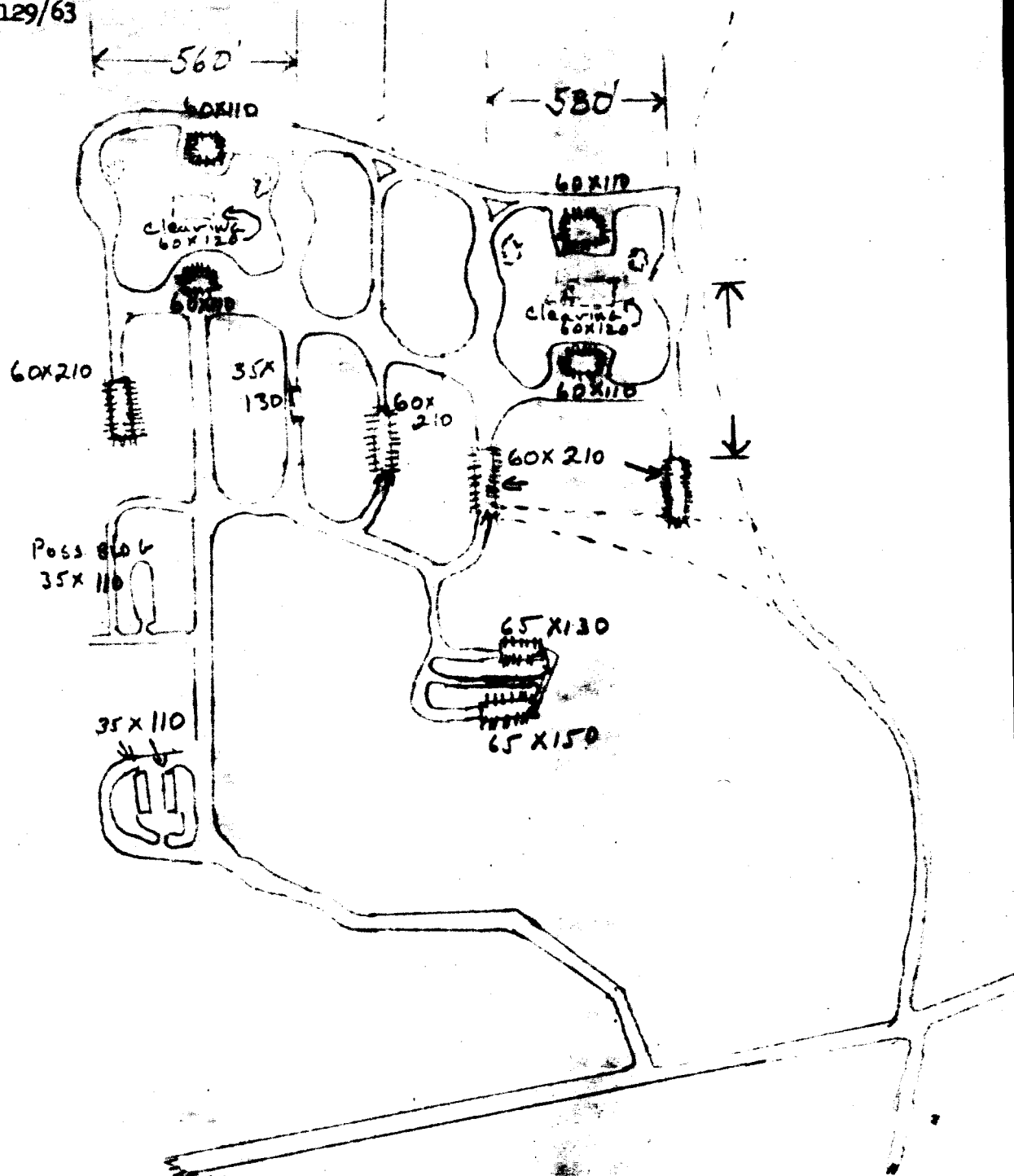


MARINA GORKA MREM
LAUNCH SITE

SCALE 1" = 500'
(APPROX)

5X4

M/EB 300/13
CIA/PID/MEB-P-129/63



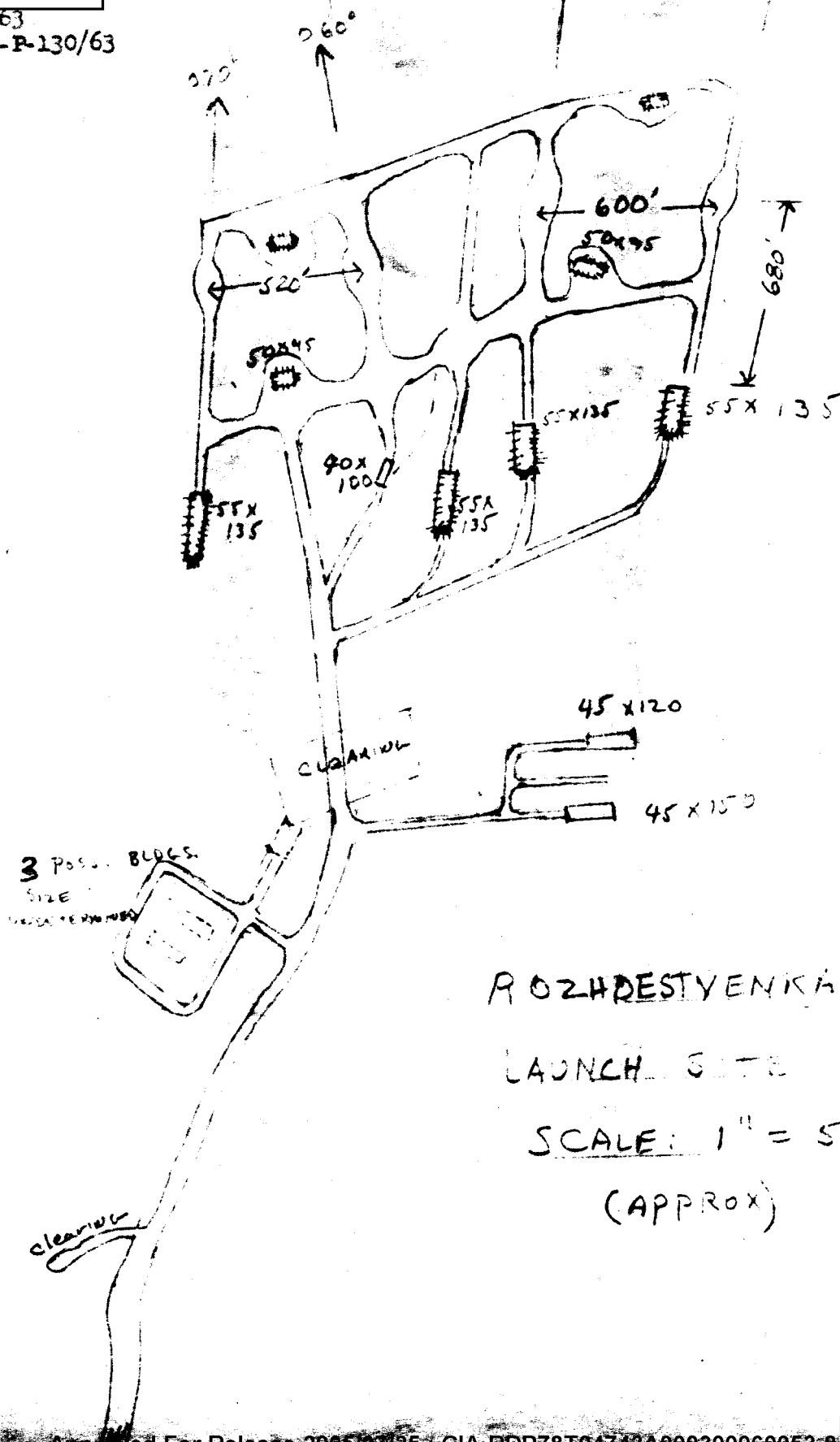
KRASKINO MRBM

LAUNCH SITE

SCALE: 1" = 500'
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N/EB 380/63
 CIA/PID/MEB-P-130/63



ROZHDESTYVENKA MRBM

LAUNCH SITE

SCALE: 1" = 500'

(APPROX)